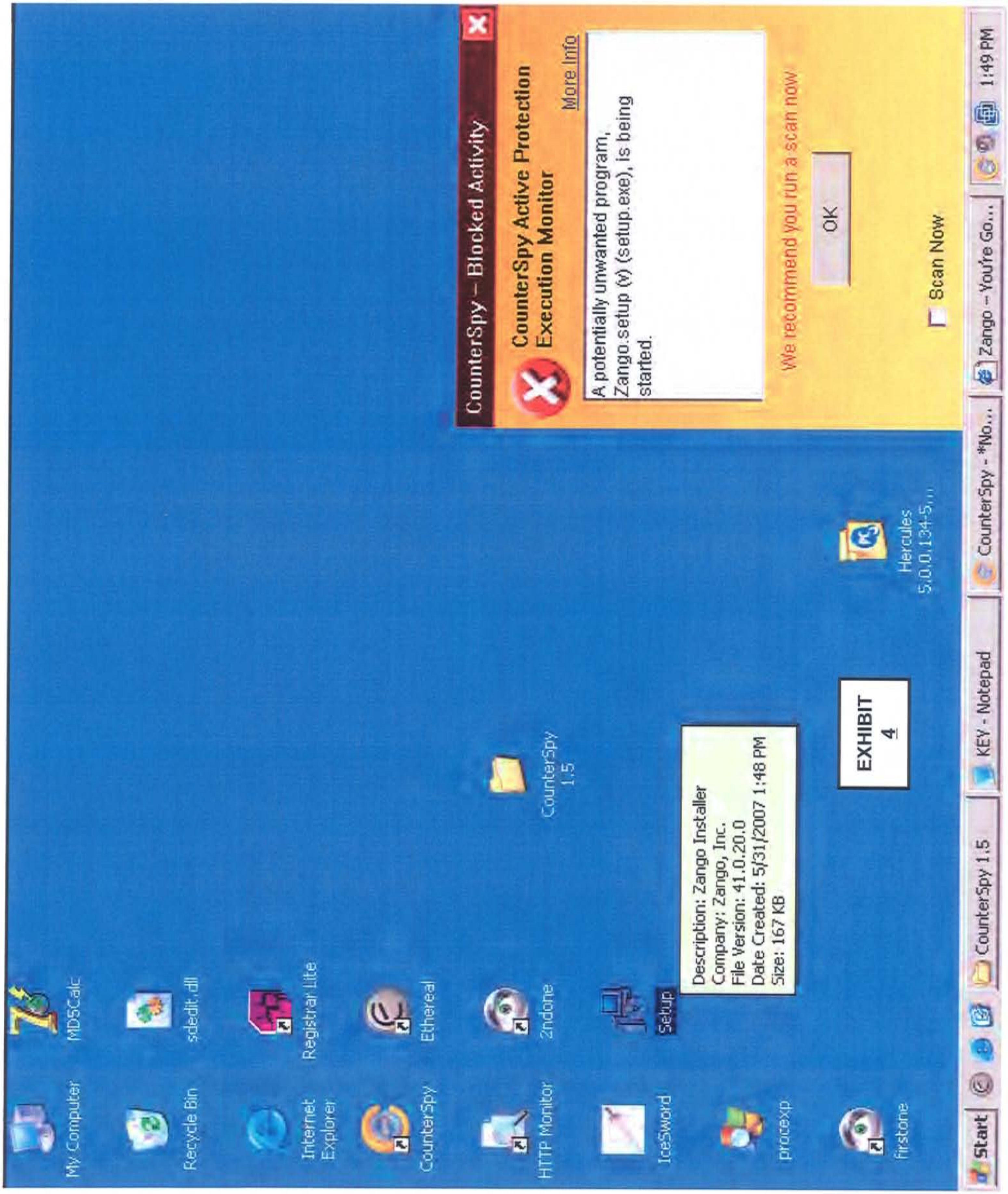
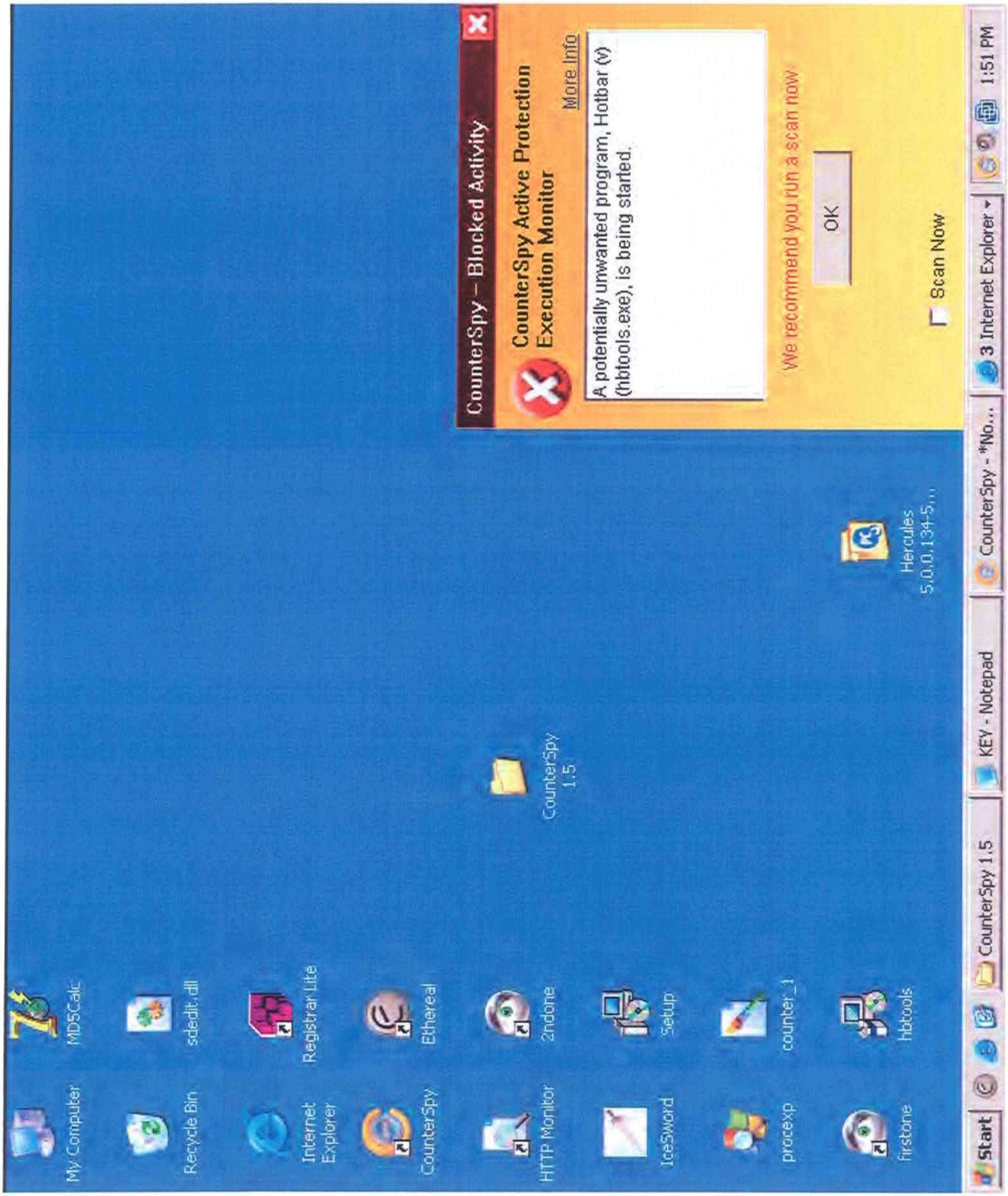
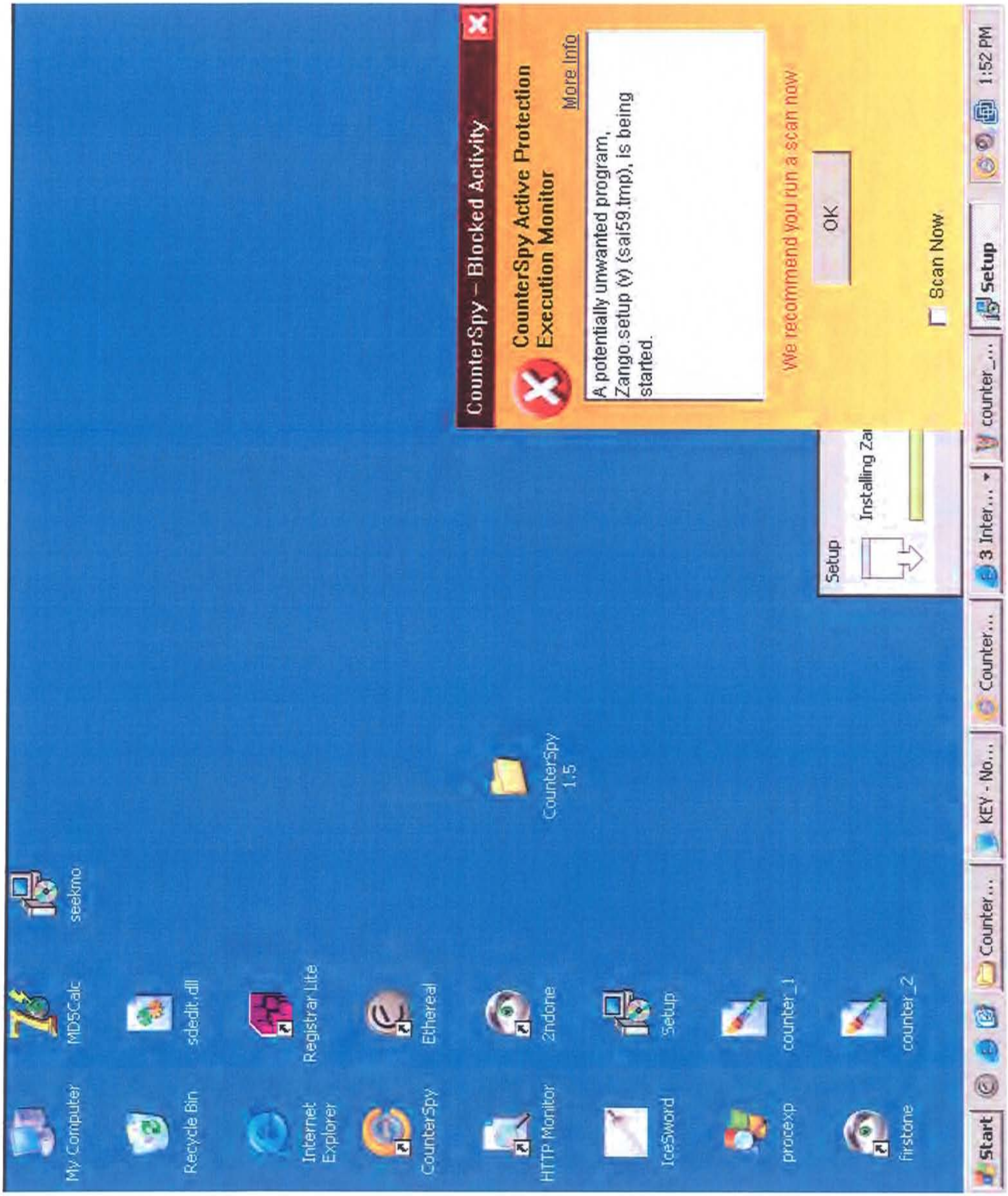
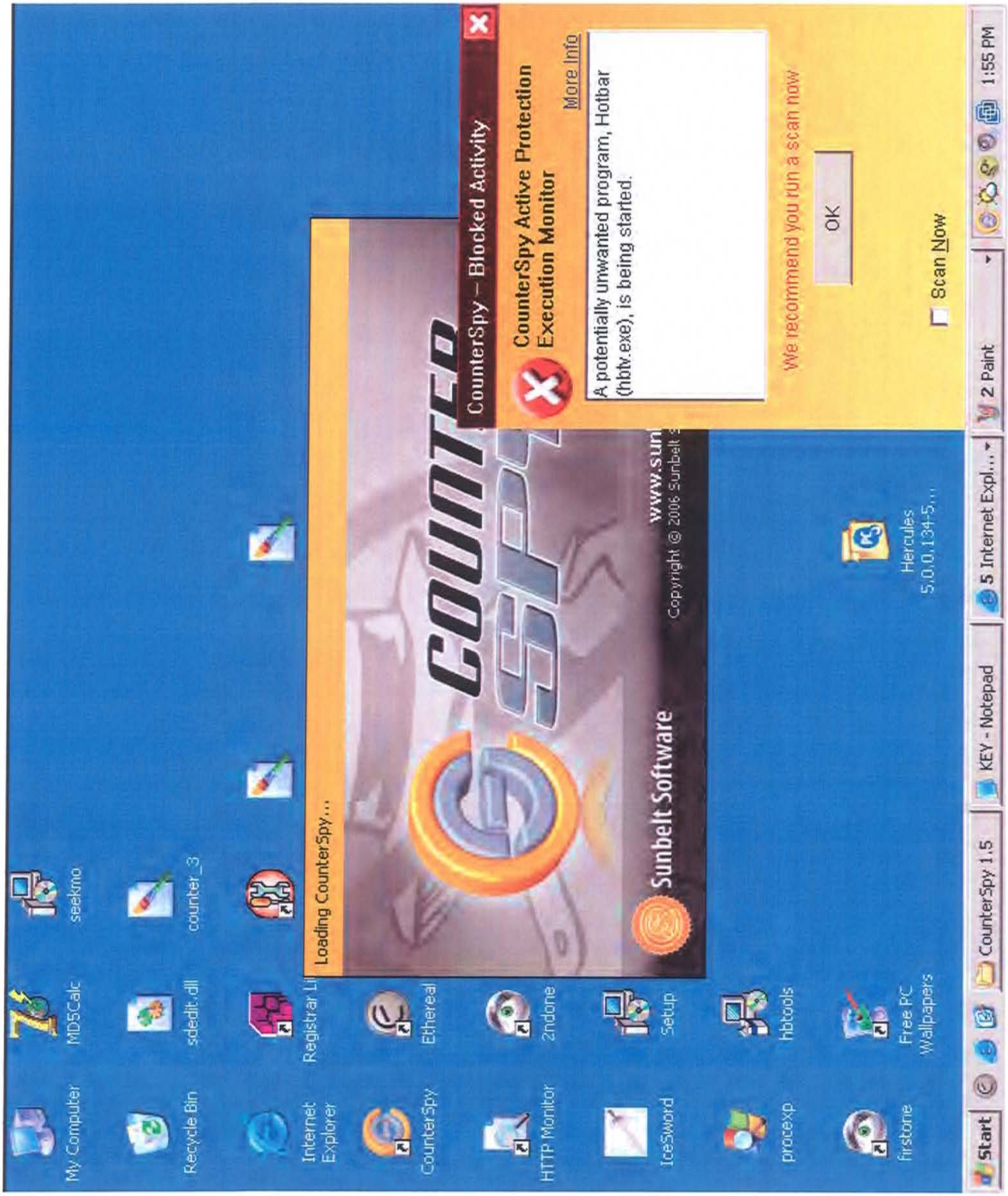

My Computer
MDSCalc
Recycle Bin
sdedit.dll
Internet Explorer
Registrar Lite
CounterSpy
Ethereal
HTTP Monitor
2ndone
IceSword
Setup
procexp
firstone
CounterSpy 1.5
Description: Zango Installer
Company: Zango, Inc.
File Version: 41.0.20.0
Date Created: 5/31/2007 1:48 PM
Size: 167 KB
EXHIBIT
4
Hercules 5.0.0.134-5...
CounterSpy – Blocked Activity
CounterSpy Active Protection
Execution Monitor
More Info
A potentially unwanted program, Zango.setup (v) (setup.exe), is being started.
We recommend you run a scan now
OK
Scan Now
Start
CounterSpy 1.5
KEY - Notepad
CounterSpy - *No...
Zango - You're Go...
1:49 PM

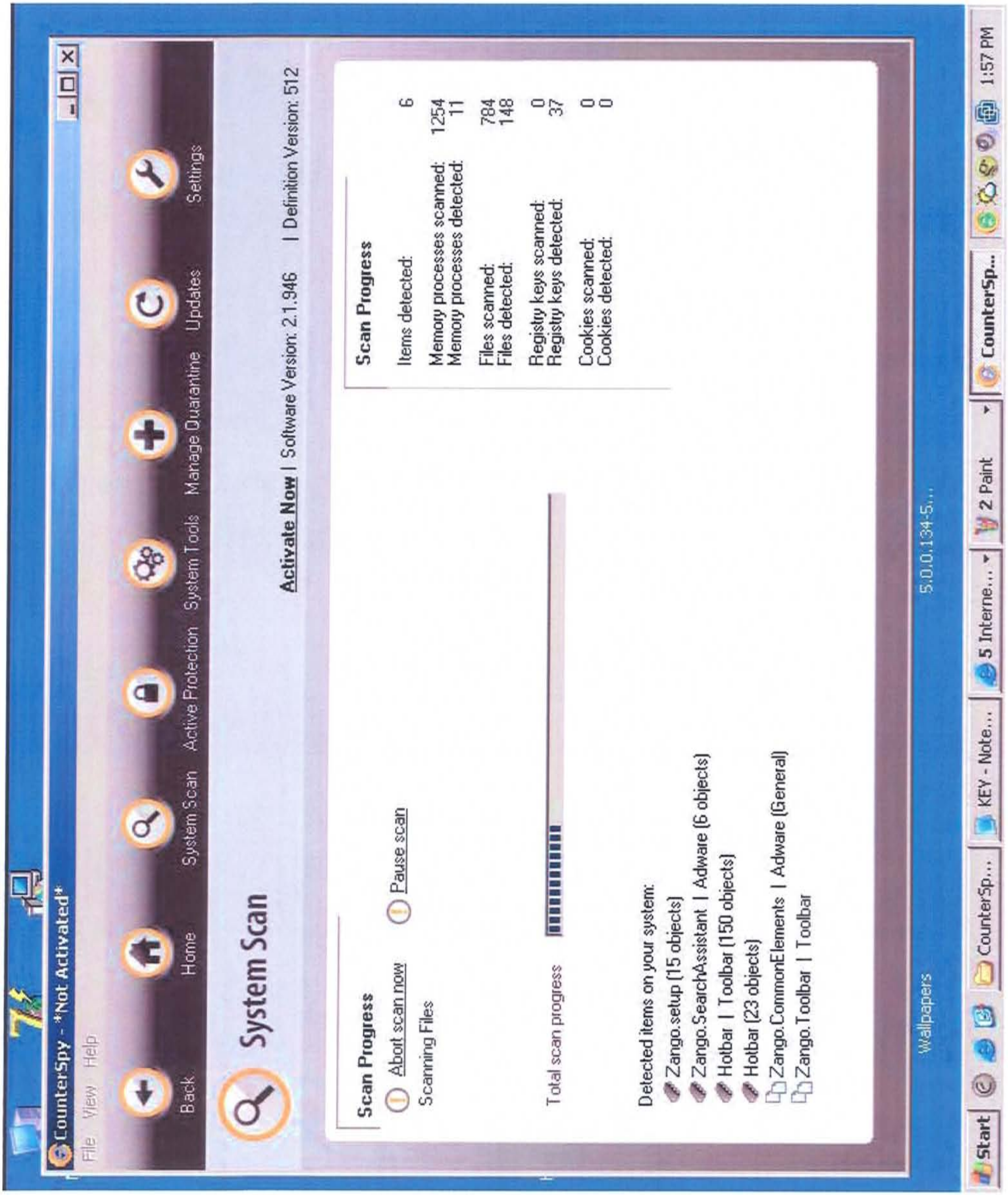
71 of 114


CounterSpy – Blocked Activity
CounterSpy Active Protection
Execution Monitor
More Info
A potentially unwanted program, Hotbar (v) (hbtools.exe), is being started.
We recommend you run a scan now
OK
Scan Now
My Computer
MD5Calc
Recycle Bin
sdedit.dll
Internet Explorer
Registrar Lite
CounterSpy
Ethereal
HTTP Monitor
2ndone
IceSword
Setup
procexp
counter_1
firstone
hbtools
CounterSpy 1.5
Hercules 5.0.0.134-5...
start
CounterSpy 1.5
KEY - Notepad
CounterSpy - *No...
3 Internet Explorer
1:51 PM

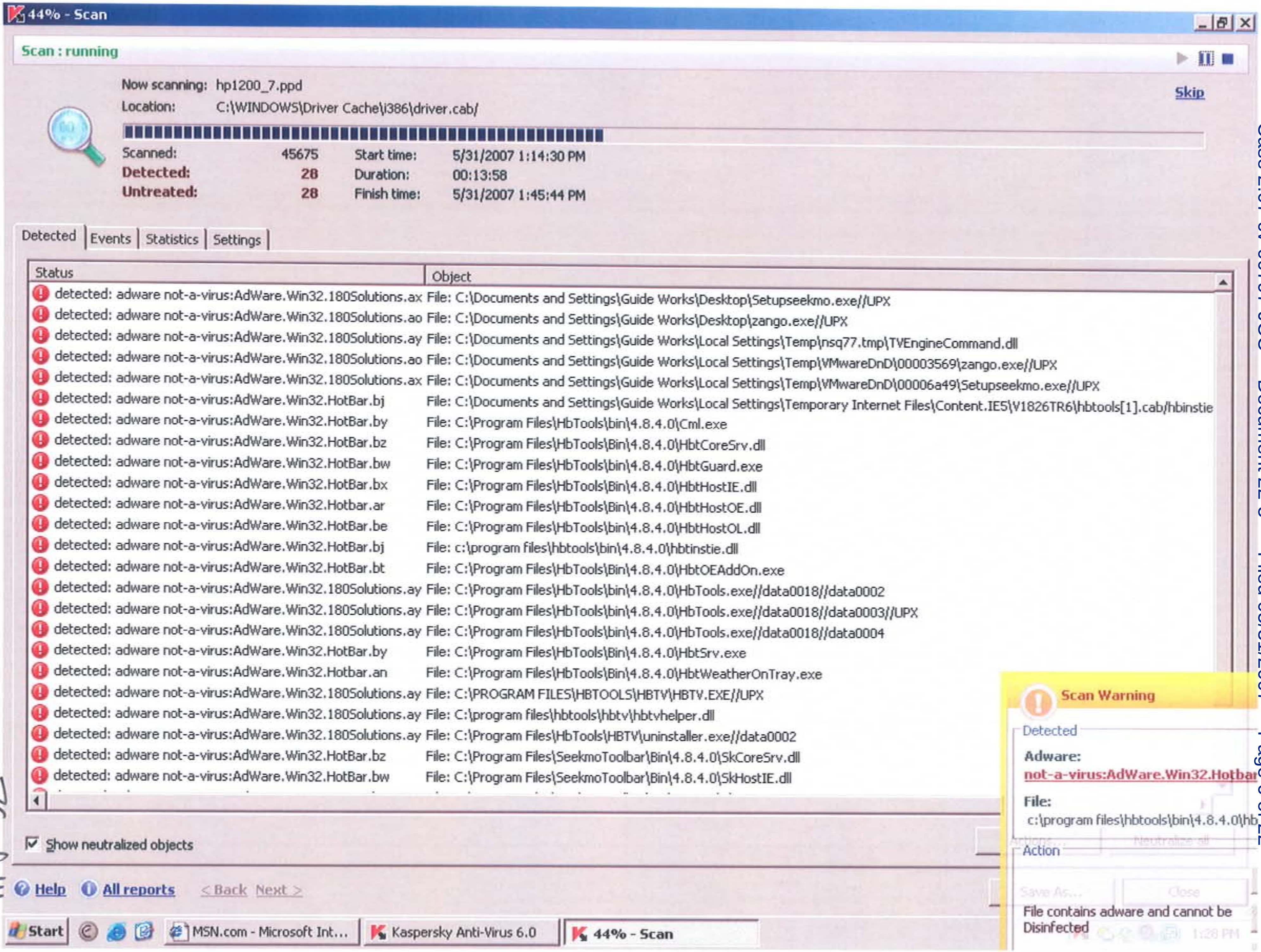

CounterSpy - Blocked Activity
CounterSpy Active Protection
Execution Monitor
More Info
A potentially unwanted program, Zango.setup (v) (sai59.tmp), is being started.
We recommend you run a scan now
OK
Scan Now
Setup
Installing Za
My Computer
MD5Calc
seekmo
Recycle Bin
sdedit.dll
Internet Explorer
Registrar Lite
CounterSpy
Ethereal
HTTP Monitor
2ndone
CounterSpy 1.5
IceSword
Setup
procexp
counter_1
firstone
counter_2
Start
Counter...
KEY - No...
Counter...
3 Inter...
counter_...
Setup
1:52 PM


CounterSpy – Blocked Activity
CounterSpy Active Protection
Execution Monitor
More Info
A potentially unwanted program, Hotbar (hbtv.exe), is being started.
We recommend you run a scan now
OK
Scan Now
Loading CounterSpy...
Sunbelt Software
Copyright © 2006 Sunbelt S
My Computer
MD5Calc
seekmo
Recycle Bin
sdedit.dll
counter_3
Internet Explorer
CounterSpy
Ethereal
HTTP Monitor
2ndone
IceSword
Setup
procexp
hbtools
firstone
Free PC Wallpapers
Hercules 5.0.0.134-5...
Start
CounterSpy 1.5
KEY - Notepad
5 Internet Expl...
2 Paint
1:55 PM

74 of 114


CounterSpy - *Not Activated*
File View Help
Back
Home
System Scan
Active Protection
System Tools
Manage Quarantine
Updates
Settings
System Scan
Activate Now | Software Version: 2.1.946 | Definition Version: 512
Scan Progress
Abort scan now
Pause scan
Scanning Files
Total scan progress
Detected items on your system:
Zango.setup (15 objects)
Zango.SearchAssistant | Adware (6 objects)
Hotbar | Toolbar (150 objects)
Hotbar (23 objects)
Zango.CommonElements | Adware (General)
Zango.Toolbar | Toolbar
Scan Progress
Items detected: 6
Memory processes scanned: 1254
Memory processes detected: 11
Files scanned: 784
Files detected: 148
Registry keys scanned: 0
Registry keys detected: 37
Cookies scanned: 0
Cookies detected: 0
Wallpapers
5.0.0.134-5...
Start
CounterSp...
KEY - Note...
5 Interne...
2 Paint
CounterSp...
1:57 PM

75 of 114


44% - Scan
Scan : running
Skip
Now scanning: hp1200_7.ppd
Location: C:\WINDOWS\Driver Cache\i386\driver.cab/
Scanned: 45675
Detected: 28
Untreated: 28
Start time: 5/31/2007 1:14:30 PM
Duration: 00:13:58
Finish time: 5/31/2007 1:45:44 PM
Detected
Events
Statistics
Settings
Status
Object
detected: adware not-a-virus:AdWare.Win32.180Solutions.ax File: C:\Documents and Settings\Guide Works\Desktop\Setupseekmo.exe//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ao File: C:\Documents and Settings\Guide Works\Desktop\zango.exe//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\Documents and Settings\Guide Works\Local Settings\Temp\nsq77.tmp\TVEngineCommand.dll
detected: adware not-a-virus:AdWare.Win32.180Solutions.ao File: C:\Documents and Settings\Guide Works\Local Settings\Temp\VMwareDnD\00003569\zango.exe//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ax File: C:\Documents and Settings\Guide Works\Local Settings\Temp\VMwareDnD\00006a49\Setupseekmo.exe//UPX
detected: adware not-a-virus:AdWare.Win32.HotBar.bj File: C:\Documents and Settings\Guide Works\Local Settings\Temporary Internet Files\Content.IE5\V1826TR6\hbtools[1].cab/hbinstie
detected: adware not-a-virus:AdWare.Win32.HotBar.by File: C:\Program Files\HbTools\bin\4.8.4.0\Cml.exe
detected: adware not-a-virus:AdWare.Win32.HotBar.bz File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtCoreSrv.dll
detected: adware not-a-virus:AdWare.Win32.HotBar.bw File: C:\Program Files\HbTools\bin\4.8.4.0\HbtGuard.exe
detected: adware not-a-virus:AdWare.Win32.HotBar.bx File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtHostIE.dll
detected: adware not-a-virus:AdWare.Win32.Hotbar.ar File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtHostOE.dll
detected: adware not-a-virus:AdWare.Win32.HotBar.be File: C:\Program Files\HbTools\bin\4.8.4.0\HbtHostOL.dll
detected: adware not-a-virus:AdWare.Win32.HotBar.bj File: c:\program files\hbtools\bin\4.8.4.0\hbtinstie.dll
detected: adware not-a-virus:AdWare.Win32.HotBar.bt File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtOEAddOn.exe
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\Program Files\HbTools\bin\4.8.4.0\HbTools.exe//data0018//data0002
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\Program Files\HbTools\bin\4.8.4.0\HbTools.exe//data0018//data0003//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\Program Files\HbTools\bin\4.8.4.0\HbTools.exe//data0018//data0004
detected: adware not-a-virus:AdWare.Win32.HotBar.by File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtSrv.exe
detected: adware not-a-virus:AdWare.Win32.Hotbar.an File: C:\Program Files\HbTools\Bin\4.8.4.0\HbtWeatherOnTray.exe
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\PROGRAM FILES\HBTOOLS\HBTV\HBTV.EXE//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\program files\hbtools\hbtv\hbtvhelper.dll
detected: adware not-a-virus:AdWare.Win32.180Solutions.ay File: C:\Program Files\HbTools\HBTV\uninstaller.exe//data0002
detected: adware not-a-virus:AdWare.Win32.HotBar.bz File: C:\Program Files\SeekmoToolbar\Bin\4.8.4.0\SkCoreSrv.dll
detected: adware not-a-virus:AdWare.Win32.HotBar.bw File: C:\Program Files\SeekmoToolbar\Bin\4.8.4.0\SkHostIE.dll
Show neutralized objects
Help
All reports
< Back
Next >
Scan Warning
Detected
Adware:
not-a-virus:AdWare.Win32.Hotbar
File:
c:\program files\hbtools\bin\4.8.4.0\hb
Action
File contains adware and cannot be Disinfected
Start
MSN.com - Microsoft Int...
Kaspersky Anti-Virus 6.0
44% - Scan

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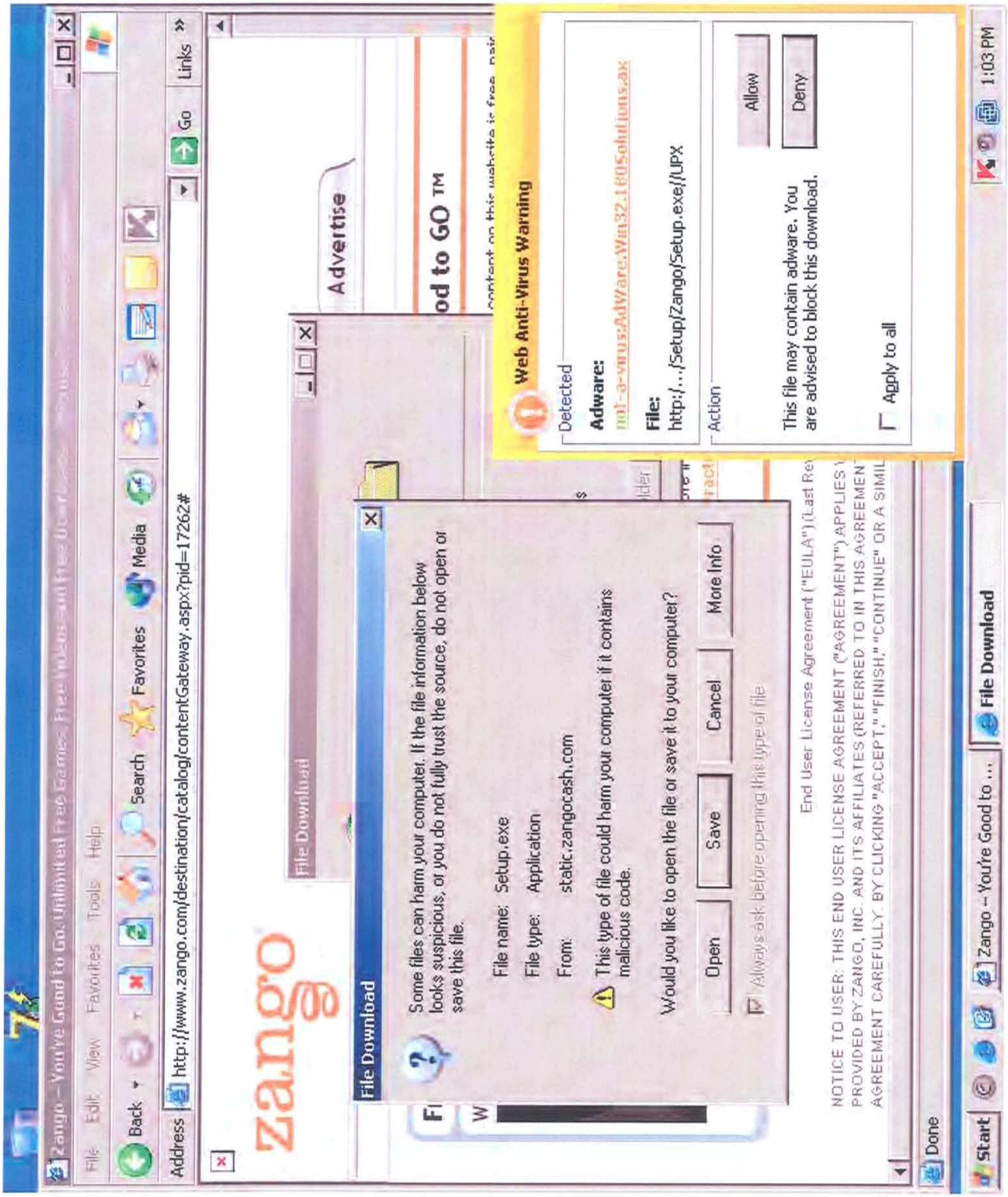
Zango - You're Good to Go. Unlimited Free Games, Free Videos and Free Downloads
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.zango.com/destination/catalog/contentGateway.aspx?pid=17262#
Go Links
zango
Advertise
od to GO TM
File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: Setup.exe
File type: Application
From: static.zangocash.com
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file
Web Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.180Solutions.ax
File:
http:/.../Setup/Zango/Setup.exe//UPX
Action
This file may contain adware. You are advised to block this download.
Allow
Deny
Apply to all
End User License Agreement ("EULA") (Last Re
NOTICE TO USER: THIS END USER LICENSE AGREEMENT ("AGREEMENT") APPLIES
PROVIDED BY ZANGO, INC. AND ITS AFFILIATES (REFERRED TO IN THIS AGREEMENT
AGREEMENT CAREFULLY. BY CLICKING "ACCEPT," "FINISH," "CONTINUE" OR A SIMIL
Done
Start
Zango - You're Good to ...
File Download
1:03 PM

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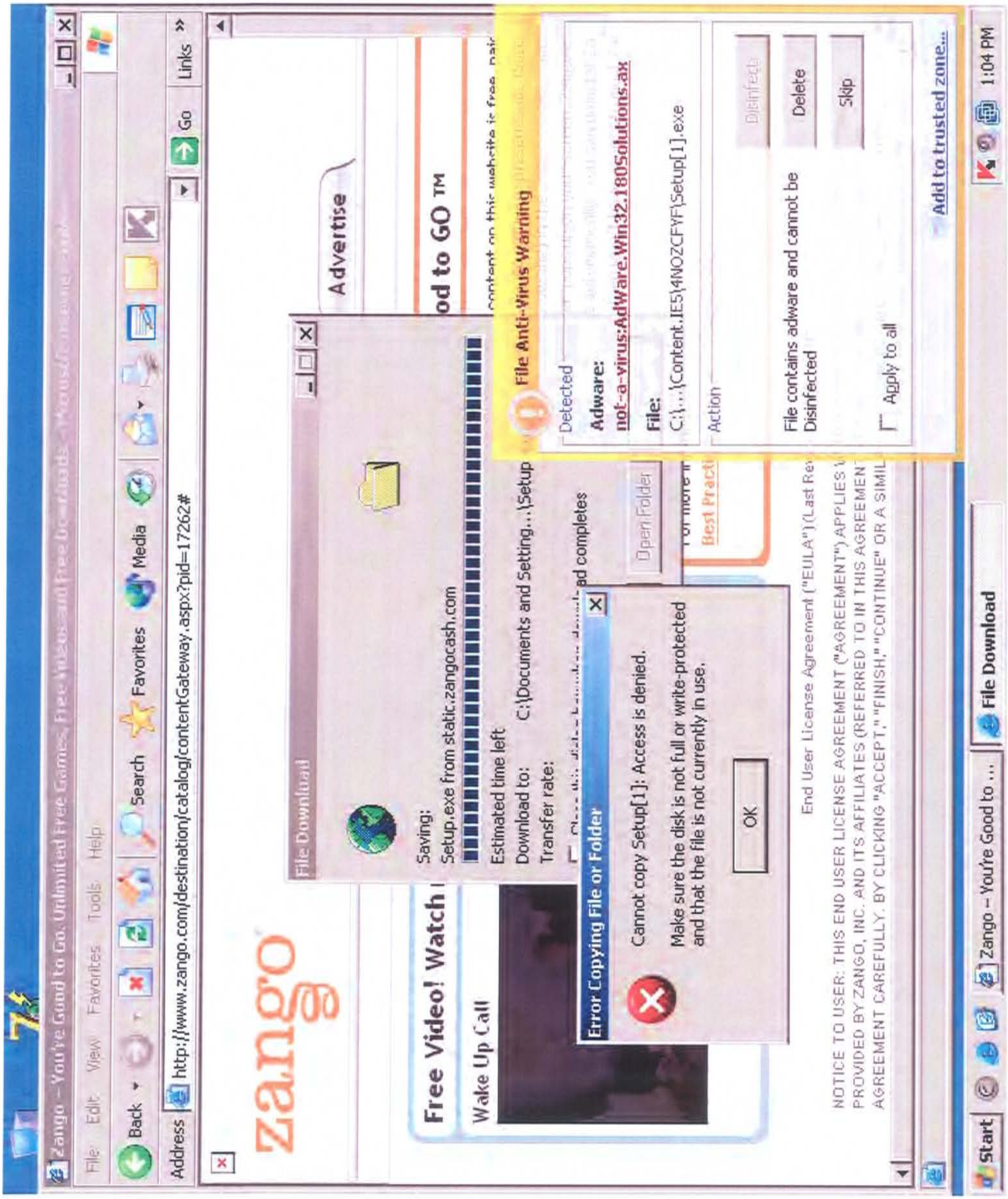
Zango - You're Good to Go. Unlimited Free Games, Free Videos and Free
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.zango.com/destination/catalog/contentGateway.aspx?pid=17262#
Go Links
zango
Free Video! Watch
Wake Up Call
Advertise
od to GO ™
File Download
Saving:
Setup.exe from static.zangocash.com
Estimated time left
Download to: C:\Documents and Setting...\Setup
Transfer rate:
Open Folder
Error Copying File or Folder
Cannot copy Setup[1]: Access is denied.
Make sure the disk is not full or write-protected and that the file is not currently in use.
OK
File Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.180Solutions.ax
File:
C:\...\Content.IE5\4NOZCFYF\Setup[1].exe
Action
File contains adware and cannot be Disinfected
Disinfect
Delete
Skip
Apply to all
Add to trusted zone...
Best Practi
End User License Agreement ("EULA") (Last Re
NOTICE TO USER: THIS END USER LICENSE AGREEMENT ("AGREEMENT") APPLIES
PROVIDED BY ZANGO, INC. AND ITS AFFILIATES (REFERRED TO IN THIS AGREEMENT
AGREEMENT CAREFULLY. BY CLICKING "ACCEPT," "FINISH," "CONTINUE" OR A SIMIL
Start
Zango - You're Good to ...
File Download
1:04 PM

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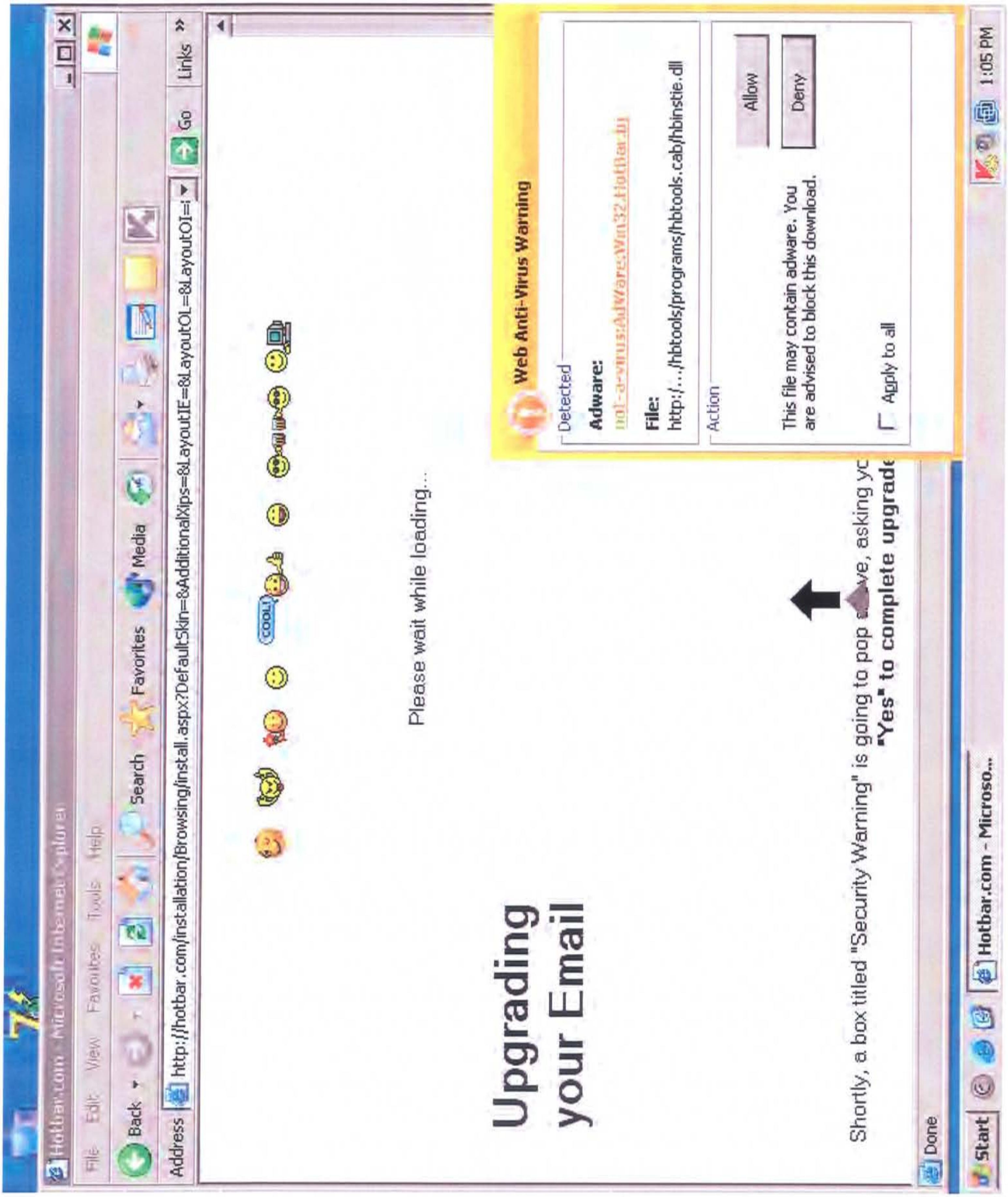
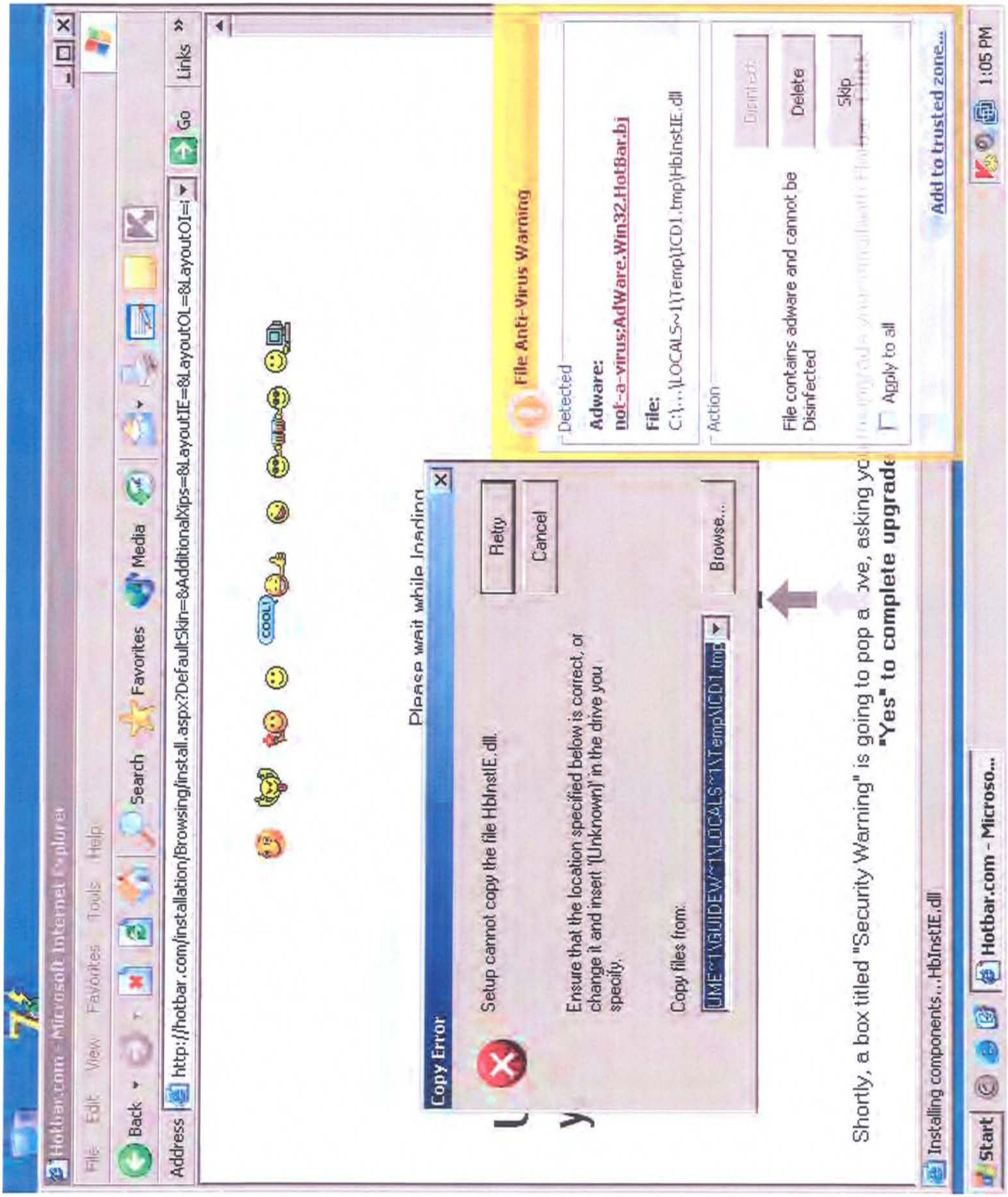
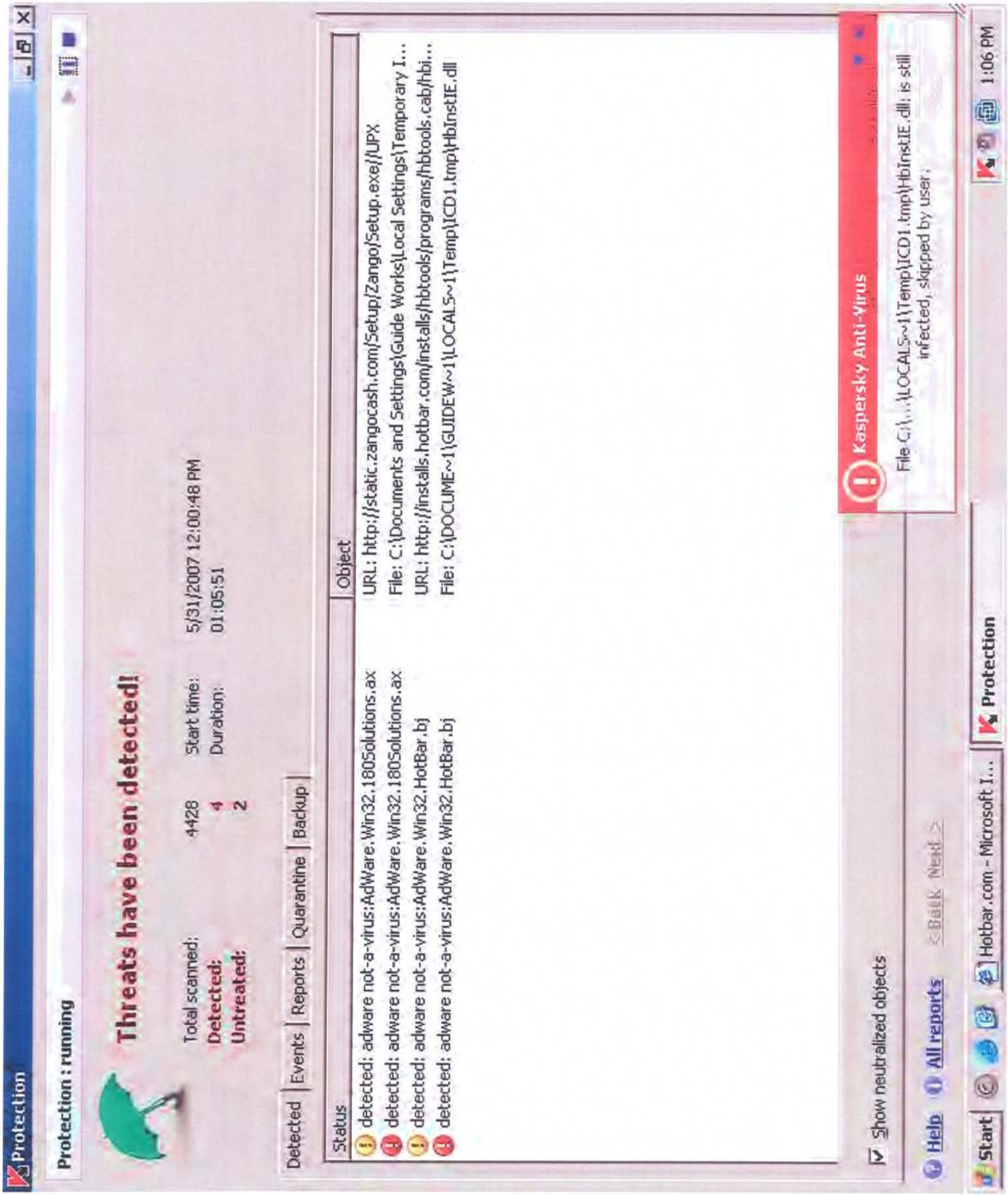

Hotbar.com - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://hotbar.com/installation/Browsing/install.aspx?DefaultSkin=&AdditionalXips=&LayoutIE=&LayoutOL=&LayoutOI=
Go Links
COOL!
Please wait while loading...
Upgrading your Email
Web Anti-Virus Warning
Detected
Adware:
File:
http://.../hbtools/programs/hbtools.cab/hbinstie.dll
Action
This file may contain adware. You are advised to block this download.
Allow
Deny
Apply to all
Shortly, a box titled "Security Warning" is going to pop
"Yes" to complete
Done
Start
Hotbar.com - Microso...
1:05 PM


Hotbar.com - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://hotbar.com/installation/Browsing/install.aspx?DefaultSkin=&AdditionalXips=&LayoutIE=&LayoutOL=&LayoutOI=
Go Links
COOL!
Please wait while loading
Copy Error
Setup cannot copy the file HbInstIE.dll.
Ensure that the location specified below is correct, or change it and insert '(Unknown)' in the drive you specify.
Copy files from:
UME~1\GUIDEW~1\LOCALS~1\Temp\ICD1.tmp
Retry
Cancel
Browse...
File Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.HotBar.bj
File:
C:\...\LOCALS~1\Temp\ICD1.tmp\HbInstIE.dll
Action
File contains adware and cannot be Disinfected
Disinfect
Delete
Skip
Apply to all
Add to trusted zone...
Shortly, a box titled "Security Warning" is going to pop a ove, asking yo
"Yes" to complete upgrade
Installing components... HbInstIE.dll
Start
Hotbar.com - Microso...
1:05 PM


Protection
Protection : running
Threats have been detected!
Total scanned: 4428
Detected: 4
Untreated: 2
Start time: 5/31/2007 12:00:48 PM
Duration: 01:05:51
Detected
Events
Reports
Quarantine
Backup
Status
Object
detected: adware not-a-virus:AdWare.Win32.180Solutions.ax
URL: http://static.zangocash.com/Setup/Zango/Setup.exe//UPX
detected: adware not-a-virus:AdWare.Win32.180Solutions.ax
File: C:\Documents and Settings\Guide Works\Local Settings\Temporary I...
detected: adware not-a-virus:AdWare.Win32.HotBar.bj
URL: http://installs.hotbar.com/installs/hbtools/programs/hbtools.cab/hbi...
detected: adware not-a-virus:AdWare.Win32.HotBar.bj
File: C:\DOCUME~1\GUIDEW~1\LOCALS~1\Temp\ICD1.tmp\HbInstIE.dll
Show neutralized objects
Help
All reports
< Back
Next >
Kaspersky Anti-Virus
File C:\...\LOCALS~1\Temp\ICD1.tmp\HbInstIE.dll: is still infected, skipped by user;
Start
Hotbar.com - Microsoft I...
Protection
1:06 PM

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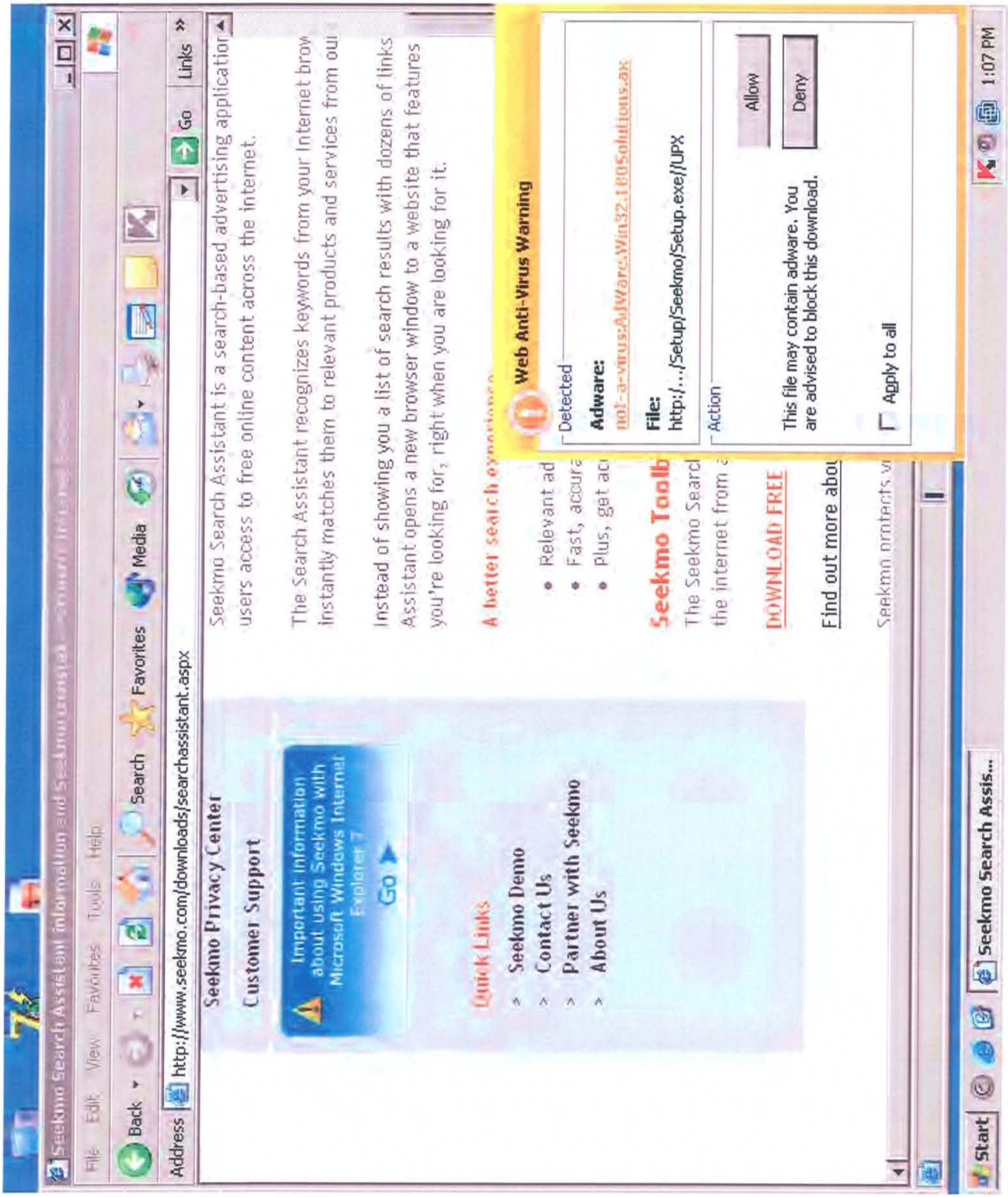
Seekmo Search Assistant information and Seekmo Uninstall - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.seekmo.com/downloads/searchassistant.aspx
Go Links
Seekmo Privacy Center
Customer Support
Important information about using Seekmo with Microsoft Windows Internet Explorer 7
Go
Quick Links
Seekmo Demo
Contact Us
Partner with Seekmo
About Us
Seekmo Search Assistant is a search-based advertising application users access to free online content across the internet.
The Search Assistant recognizes keywords from your Internet brow instantly matches them to relevant products and services from our
Instead of showing you a list of search results with dozens of links Assistant opens a new browser window to a website that features you're looking for, right when you are looking for it.
A better search experience
Relevant ad
Fast, accura
plus, get ac
Seekmo Toolb
The Seekmo Searc the internet from a
DOWNLOAD FREE
Find out more abou
Seekmo protects y
Web Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.180Solutions.ax
File:
http:/.../Setup/Seekmo/Setup.exe//UPX
Action
This file may contain adware. You are advised to block this download.
Allow
Deny
Apply to all
Start
Seekmo Search Assis...
1:07 PM

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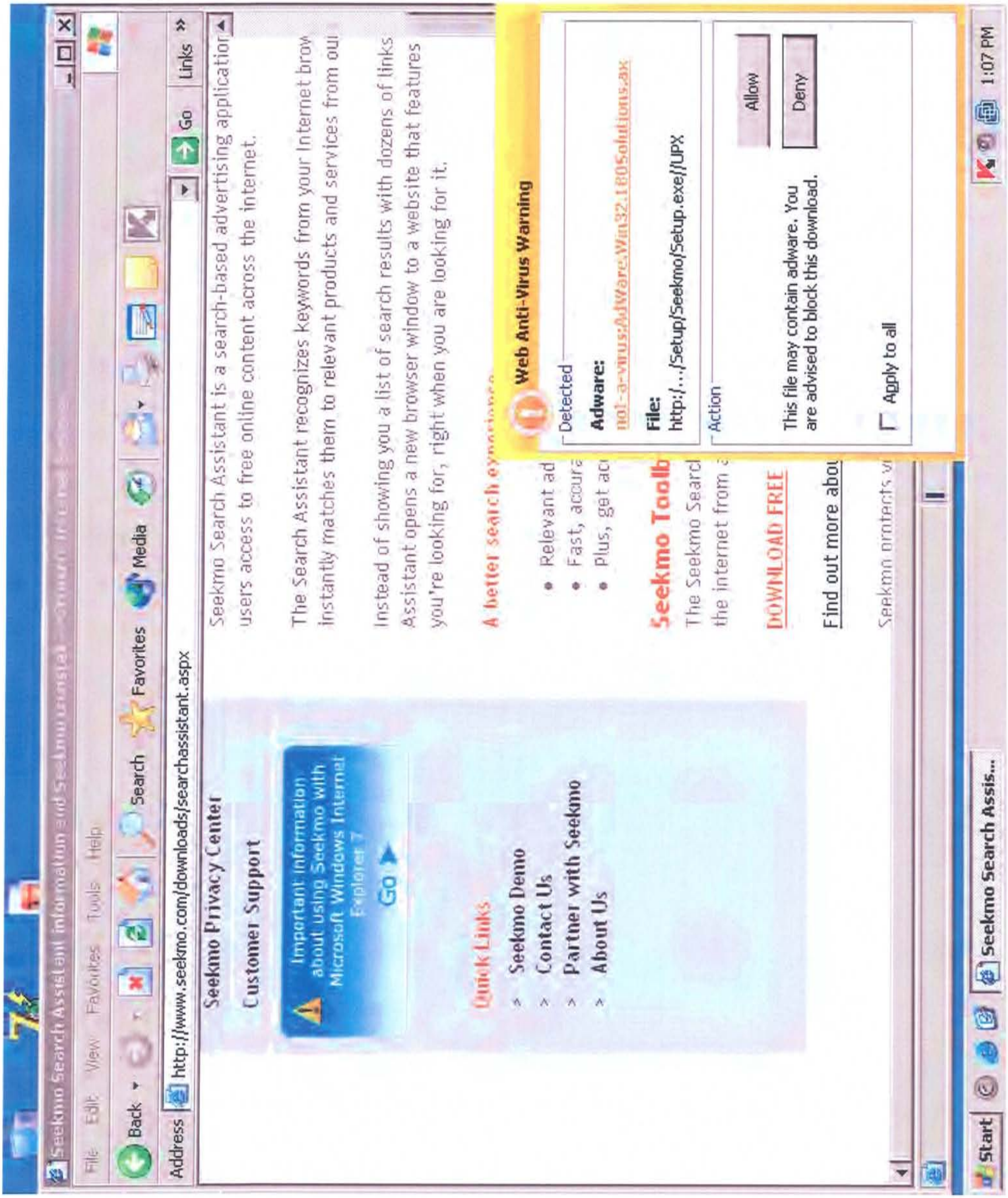
File Edit View Favorites Tools Help
Back
Search
Favorites
Media
Address http://www.seekmo.com/downloads/searchassistant.aspx
Go
Links
Seekmo Privacy Center
Customer Support
Important information about using Seekmo with Microsoft Windows Internet Explorer 7
Go
Quick Links
Seekmo Demo
Contact Us
Partner with Seekmo
About Us
Seekmo Search Assistant is a search-based advertising application users access to free online content across the internet.
The Search Assistant recognizes keywords from your Internet brow instantly matches them to relevant products and services from our
Instead of showing you a list of search results with dozens of links Assistant opens a new browser window to a website that features you're looking for, right when you are looking for it.
Relevant ad
Fast, accura
plus, get ac
Seekmo Toolb
The Seekmo Searc the internet from
DOWNLOAD FREE
Find out more abou
Web Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.180Solutions.ax
File:
http:/.../Setup/Seekmo/Setup.exe//UPX
Action
Allow
Deny
This file may contain adware. You are advised to block this download.
Apply to all
Start
Seekmo Search Assis...
1:07 PM

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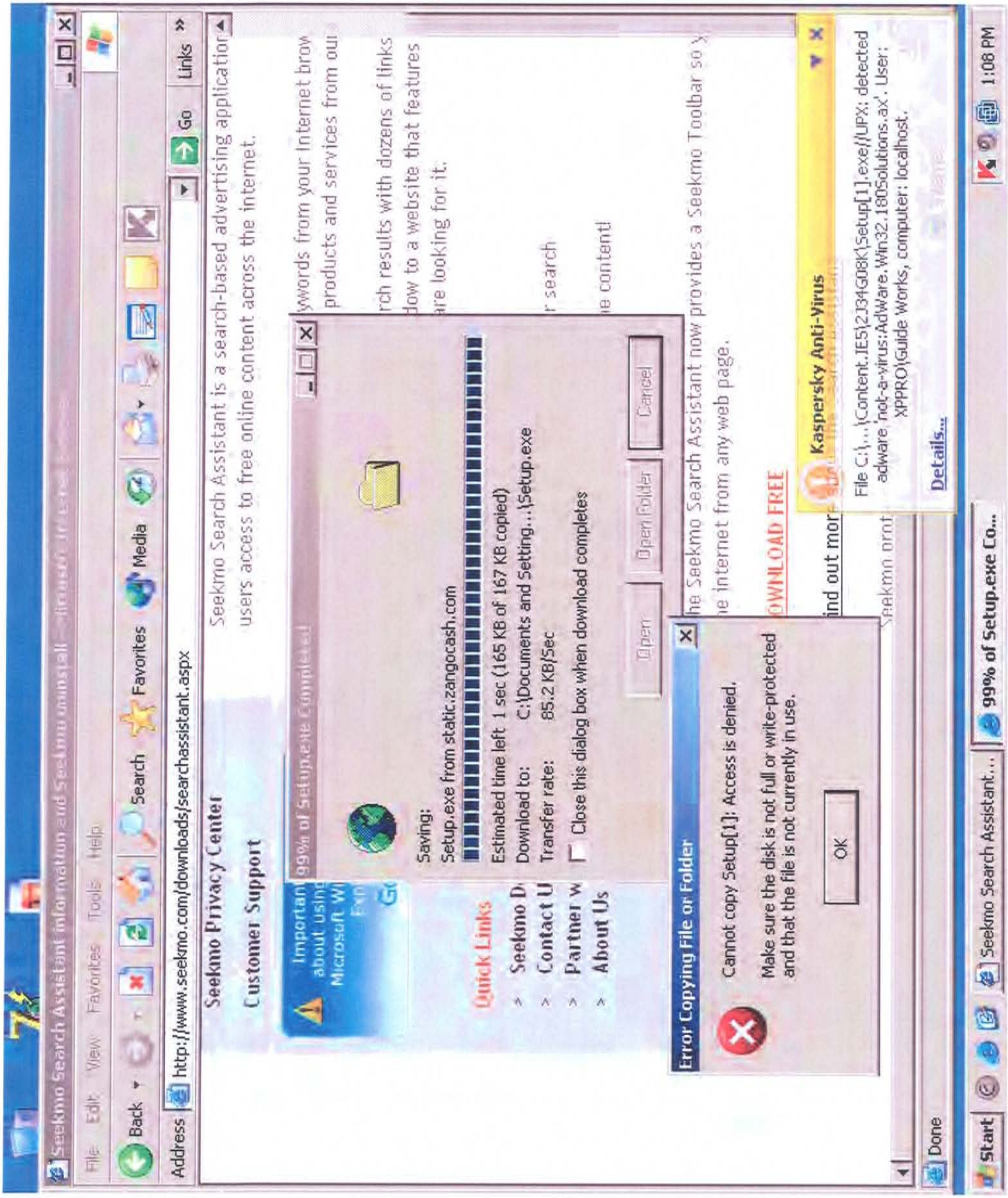
File Edit View Favorites Tools Help
Back
Search
Favorites
Media
Address http://www.seekmo.com/downloads/searchassistant.aspx
Go
Links
Seekmo Privacy Center
Customer Support
Seekmo Search Assistant is a search-based advertising application
users access to free online content across the internet.
Quick Links
Seekmo D
Contact U
Partner w
About Us
99% of Setup.exe Completed
Saving:
Setup.exe from static.zangocash.com
Estimated time left 1 sec (165 KB of 167 KB copied)
Download to: C:\Documents and Setting...\Setup.exe
Transfer rate: 85.2 KB/Sec
Close this dialog box when download completes
Open
Open Folder
Cancel
Error Copying File or Folder
Cannot copy Setup[1]: Access is denied.
Make sure the disk is not full or write-protected and that the file is not currently in use.
OK
Kaspersky Anti-Virus
File C:\...\Content.IE5\2J34G08K\Setup[1].exe//UPX: detected adware 'not-a-virus:AdWare.Win32.180Solutions.ax'. User: XPPRO\Guide Works, computer: localhost.
Details...
Done
Start
Seekmo Search Assistant...
99% of Setup.exe Co...
1:08 PM

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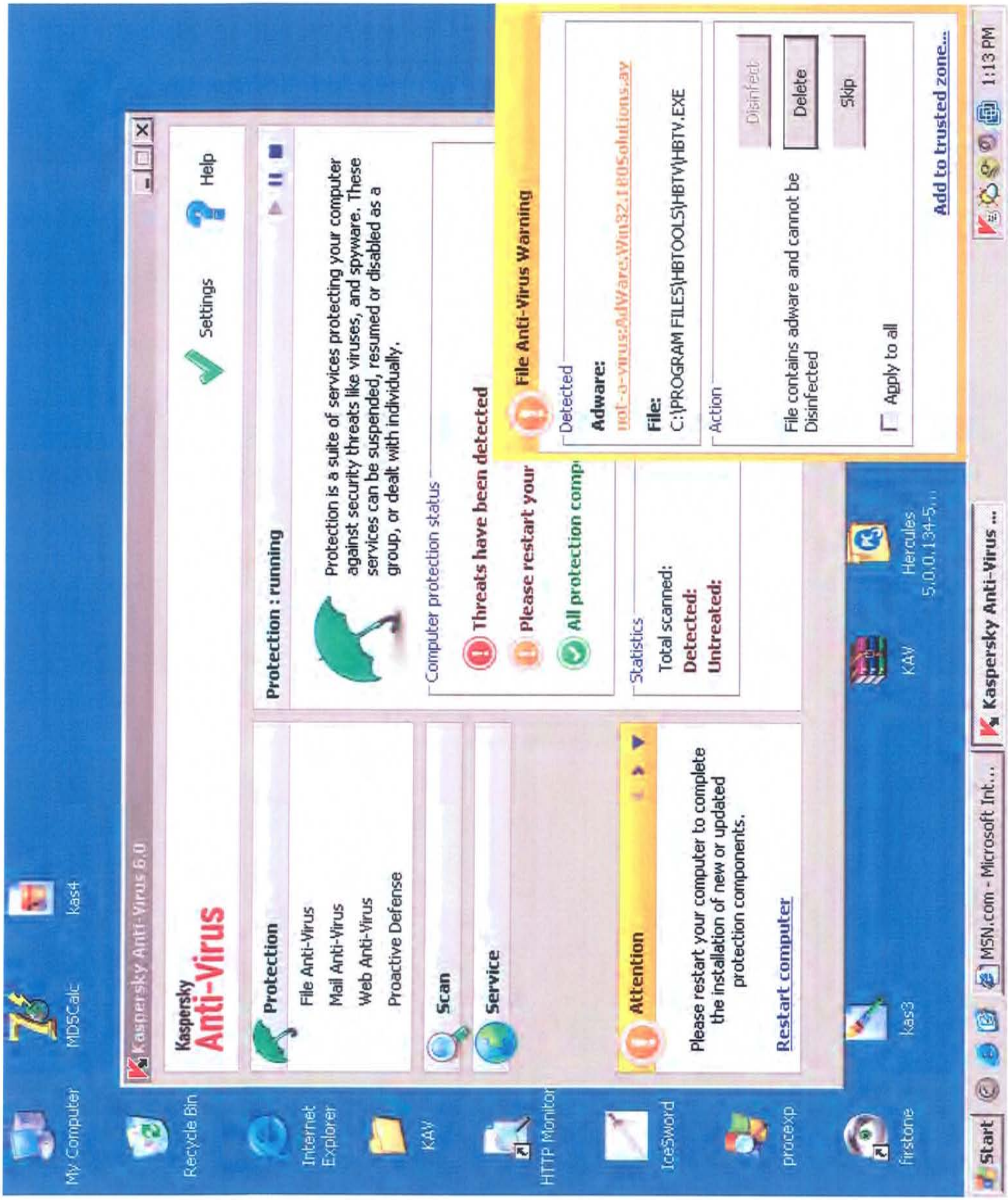
My Computer
MD5Calc
kas4
Recycle Bin
Internet Explorer
KAV
HTTP Monitor
IceSword
procexp
firstone
kas3
KAV
Hercules 5.0.0.134-5...
Kaspersky Anti-Virus 6.0
Kaspersky Anti-Virus
Settings
Help
Protection
File Anti-Virus
Mail Anti-Virus
Web Anti-Virus
Proactive Defense
Scan
Service
Attention
Please restart your computer to complete the installation of new or updated protection components.
Restart computer
Protection : running
Protection is a suite of services protecting your computer against security threats like viruses, and spyware. These services can be suspended, resumed or disabled as a group, or dealt with individually.
Computer protection status
Threats have been detected
Please restart your
All protection comp
Statistics
Total scanned:
Detected:
Untreated:
File Anti-Virus Warning
Detected
Adware:
not-a-virus:AdWare.Win32.180Solutions.ay
File:
C:\PROGRAM FILES\HBTOOLS\HBTV\HBTV.EXE
Action
File contains adware and cannot be Disinfected
Disinfect
Delete
Skip
Apply to all
Add to trusted zone...
Start
MSN.com - Microsoft Int...
Kaspersky Anti-Virus ...
1:13 PM

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zango.com | Web Safety Ratings from McAfee SiteAdvisor - Windows Internet Explorer

http://www.siteadvisor.com/sites/zango.com

File Edit View Favorites Tools Help

zango.com | Web Safety Ratings from McAfee SiteAd...

McAfee SiteAdvisor

McAfee SiteAdvisor Plus — Detects phishing & identity theft scams in real time

HOME DOWNLOAD ANALYSIS SUPPORT BLOG ABOUT US

Want to add your comments? Log in or Register

Look up a site report:

zango.com

In our tests, we found downloads on this site that some people consider adware, spyware, or other unwanted programs.

Are you the owner of this site? Leave a comment

Contact information:	Established in	Country	Popularity
	1998	United States	Lots of users

AUTOMATED WEB SAFETY TESTING RESULTS FOR ZANGO.COM

E-MAIL TESTS FOR ZANGO.COM: ?

< 1 e-mail/ month

After entering our e-mail address on this site, we received less than 1 e-mail per month.

View detailed analysis

What our inbox looked like after we signed up here:

Sample Inbox

Subject	Sender	Date
Message From: SiteAdvisor Assistant	Unknown Sender	February 2007

DOWNLOAD TESTS FOR ZANGO.COM: ?

93 red downloads

In our tests, we found downloads on this site that some people consider adware, spyware, or other unwanted programs.

- View detailed analysis
- Submit a download for analysis
- See how McAfee can protect your PC from dangerous downloads.

Downloads we found on this site:

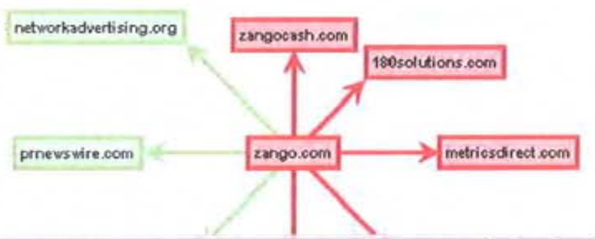
Download	Analysis
Add another account? (GauntletMesseng	Adware-180solutions
Bidulator.exe	Adware-180solutions
Checkers (ZangoCheckers.exe)	Adware-180solutions
Chess (ZangoChess.exe)	Adware-180solutions
David vs Goliath (InstallerShell.exe)	Adware-180solutions,Adware-Url

93 total downloads. See more.

ONLINE AFFILIATIONS FOR ZANGO.COM: ?

Linked to red sites

When we tested this site we found links to zangocash.com, which we found to be a distributor of downloads some people consider adware, spyware or other unwanted programs.



Internet 100%

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zango.com | Web Safety Ratings from McAfee SiteAdvisor - Windows Internet Explorer

http://www.siteadvisor.com/sites/zango.com

File Edit View Favorites Tools Help

zango.com | Web Safety Ratings from McAfee SiteAd...

Rating: Adware, spyware, or viruses

this site is awful all the downloads are quickly consider as spyware plus ango is a program like winfixer that when the program is uninstalled its reinstalled by it self by using some hidden files or registry keys

Posted at 05/19/2007-07:45:24 AM by sukichi, Reviewer . View profile [Reputation score: 1 / 9]

Rating: Adware, spyware, or viruses

be very very quiet im hunting spyware HAHAHA umm bad site x]

Posted at 05/18/2007-03:42:15 PM by konner920, Reviewer . View profile [Reputation score: 1 / 9]

Rating: Adware, spyware, or viruses

WHAT IS THE FRICKEN SITE STILL ON THE NET

i hate anyone who makes stuff to damge other peoples computers

Posted at 05/17/2007-10:19:58 PM by holio, Reviewer . View profile [Reputation score: 1 / 9]

Rating: Adware, spyware, or viruses

Pay attention. When you enter the website, you'll see a fresh look, a very organized presentation of the webpage. Don't get wrong. It installs adware!

Posted at 05/17/2007-08:30:46 AM by Joey-06, Reviewer . View profile [Reputation score: 1 / 9]

Rating: Adware, spyware, or viruses

One click into this site and you recieve more spyware and adware then you know what to do with Saty away... STAY AWAY!!!!!!

Posted at 05/11/2007-05:53:54 PM by krazoom, Reviewer . View profile [Reputation score: 1 / 9]

Rating: Adware, spyware, or viruses

Posted at 04/30/2007-06:19:29 PM by Plankfan, Reviewer . View profile [Reputation score: 1 / 9]

What kind of sick, twisted, and messed up person thought up this kind of crap!

Posted at 04/30/2007-06:18:59 PM by Plankfan, Reviewer . View profile [Reputation score: 1 / 9]

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Internet 100%

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zango.com | Web Safety Ratings from McAfee SiteAdvisor - Windows Internet Explorer

http://www.siteadvisor.com/sites/zango.com/downloads/4996703/

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zango.com | Web Safety Ratings from McAfee SiteAd...

McAfee SiteAdvisor

McAfee SiteAdvisor Plus
Actively shields your PC from dangerous sites

HOME DOWNLOAD ANALYSIS SUPPORT BLOG ABOUT US

Want to add your comments? Log in or Register.
Look up a site report

zango.com » download analysis » Download information

DOWNLOAD INFORMATION ?

Setup.exe
In our tests, this download contained programs some people would consider adware, spyware, or other unwanted programs.

Nuisance Score

0 1 2 3 4

Setup.exe installed the following programs on our PC:

Adware-ZangoSA (180solutions) Search Threat Library

How does it modify my system?

We did not test what changes Setup.exe made to our system.

We did not test what changes Setup.exe made to the system registry.

We did not test what changes Setup.exe made to the hard drive.

Other information

- The title could not be determined.
- URL of the download publisher: http://www.factorygames.com/zangogames/zangogames.html
- URL of the download: http://cds.zango.com/download.aspx?Id=bf265f33e036180a63a5981abc6502bf5662eb637d1500189b7ea404d794be24f9554e5dc1262c7e5f243e415eb241ee52b7b6
- Filename: Setup.exe
- File size: 171400
- Full checksum (MD5): 1ad08241429f17ffe5aa7dec7cc192cd
- SiteAdvisor Program ID: 4996703
- SiteAdvisor last tested this download: April 2007
- SiteAdvisor last verified this link: April 2007

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Done Internet 100%

Malware Protection Center Preview - Entry: Adware:Win32/ZangoSearchAssistant - Windows Internet Explorer

http://www.microsoft.com/security/portal/Entry.aspx?ThreatId=14904

File Edit View Favorites Tools Help

Malware Protection Center Preview - Entry: Adware:...

Microsoft

Home | Worldwide

Go

Powered by Windows Live

Home Encyclopedia

Microsoft® Malware Protection Center
Threat Research and Response

Adware:Win32/ZangoSearchAssistant

Summary | Technical Analysis | How to Prevent Infection

Summary

180Solutions.Zango.SearchAssistant monitors your current Web browsing activity and displays pop-up advertisements related to the Internet sites you are viewing.

Symptoms

The following symptoms may indicate an installation of 180Solutions.Zango.SearchAssistant:

1. Check Start -> All Programs to see whether Zango is listed.
2. Check the registry for the following key: HKEY_LOCAL_MACHINE\SOFTWARE\zango

Search the Encyclopedia

GO

Severity

- Critical
- Moderate
- Low

Class/Type
Potentially Unwanted Software - Adware

Discovered Date
September 03, 2004

Infection Rating
Low

Recovery Difficulty
Moderate

Damage Rating
Medium

Transmission Rating
Low

Done | Internet | 100%

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Malware Protection Center Preview - Entry: Adware:Win32/ZangoSearchAssistant - Windows Internet Explorer

http://www.microsoft.com/security/portal/Entry.aspx?ThreatId=14904

File Edit View Favorites Tools Help

Malware Protection Center Preview - Entry: Adware:...

Microsoft

Home | Worldwide

Go

Powered by Windows Live

Home Encyclopedia

Microsoft® Malware Protection Center
Threat Research and Response

Adware:Win32/ZangoSearchAssistant

Summary | Technical Analysis | How to Prevent Infection

Technical Information

180Solutions.Zango.SearchAssistant monitors words on the Web page or in the Web address that you are currently viewing and uses that information to deliver targeted pop-up advertising.

180Solutions.Zango.SearchAssistant is often bundled with other software offered from Zango. Some Web sites may use pop-up boxes to prompt you to install 180Solutions.Zango.SearchAssistant. Some versions of 180Solutions.Zango.SearchAssistant may ask you to review the license agreement on the 180Solutions.Zango.SearchAssistant Web site after the program is installed and running.

When installed, 180Solutions.Zango.SearchAssistant:

- Modifies the registry in order to load when Windows is started:
  Adds value: "zango"
  with data: "*<Program Files>*\zango\zango.exe" to registry key:
  HKEY_LOCAL_MACHINE\Microsoft\Windows\CurrentVersion\Run
- Adds the following registry keys:
  HKEY_CURRENT_USER\Software\zango
  HKEY_CLASSES_ROOT\ClientAX.ClientInstaller
  HKEY_CLASSES_ROOT\ClientAX.ClientInstaller.1
  HKEY_CLASSES_ROOT\ClientAX.RequiredComponent
  HKEY_CLASSES_ROOT\ClientAX.RequiredComponent.1
  HKEY_CLASSES_ROOT\ClientAX.ZangoClientAX
  HKEY_CLASSES_ROOT\ClientAX.ZangoClientAX.1
  HKEY_CLASSES_ROOT\CLSID\{51CF80DC-A309-4735-BB11-EF18BF4E3AD9}
  HKEY_CLASSES_ROOT\CLSID\{56F1D444-11BF-4879-A12B-79CF0177F038}
  HKEY_CLASSES_ROOT\TypeLib\{8BE3FABA-7468-4851-B97C-0750AF2B908E}
  HKEY_CLASSES_ROOT\zangohook.SABHO
  HKEY_CLASSES_ROOT\zangohook.SABHO.1
  HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Browser Helper Objects\{56F1D444-11BF-4879-A12B-79CF0177F038}
  HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\zango
  HKEY_LOCAL_MACHINE\SOFTWARE\zango
- Adds a shortcut to the following folder in order to add itself to the Programs menu:
  C:\Documents and Settings\All Users\Start Menu\Programs\Zango

Search the Encyclopedia

GO

Severity
- Critical
- Moderate
- Low

Class/Type
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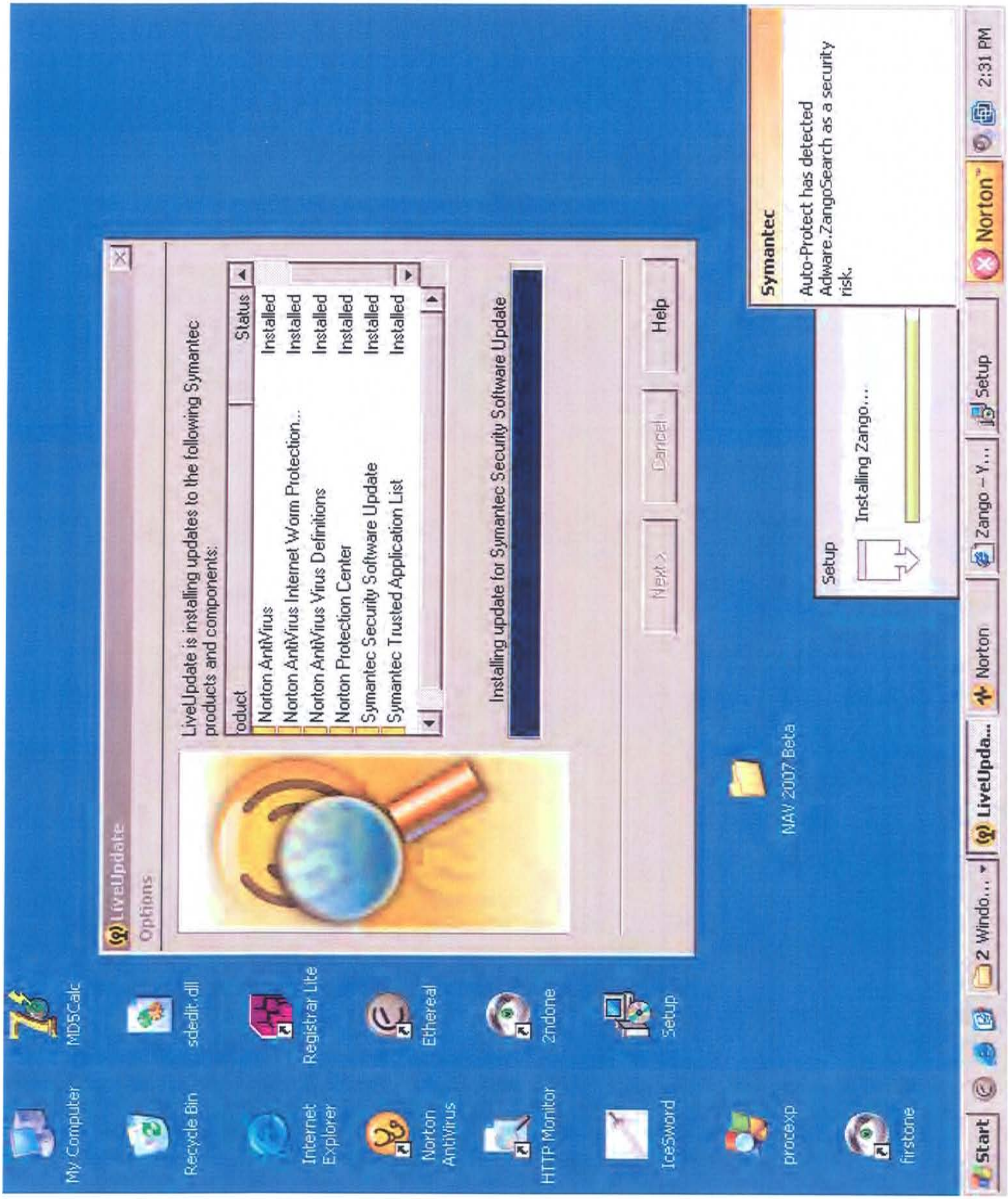
Internet 100%


My Computer
MD5Calc
Recycle Bin
sdedit.dll
Internet Explorer
Registrar Lite
Norton AntiVirus
Ethereal
HTTP Monitor
2ndone
IceSword
Setup
procexp
firstone
LiveUpdate
Options
LiveUpdate is installing updates to the following Symantec products and components:
oduct
Status
Norton AntiVirus
Installed
Norton AntiVirus Internet Worm Protection...
Installed
Norton AntiVirus Virus Definitions
Installed
Norton Protection Center
Installed
Symantec Security Software Update
Installed
Symantec Trusted Application List
Installed
Installing update for Symantec Security Software Update
Next >
Cancel
Help
NAV 2007 Beta
Symantec
Auto-Protect has detected Adware.ZangoSearch as a security risk.
Setup
Installing Zango...
Start
2 Windo...
LiveUpda...
Norton
Zango - Y...
Setup
Norton
2:31 PM

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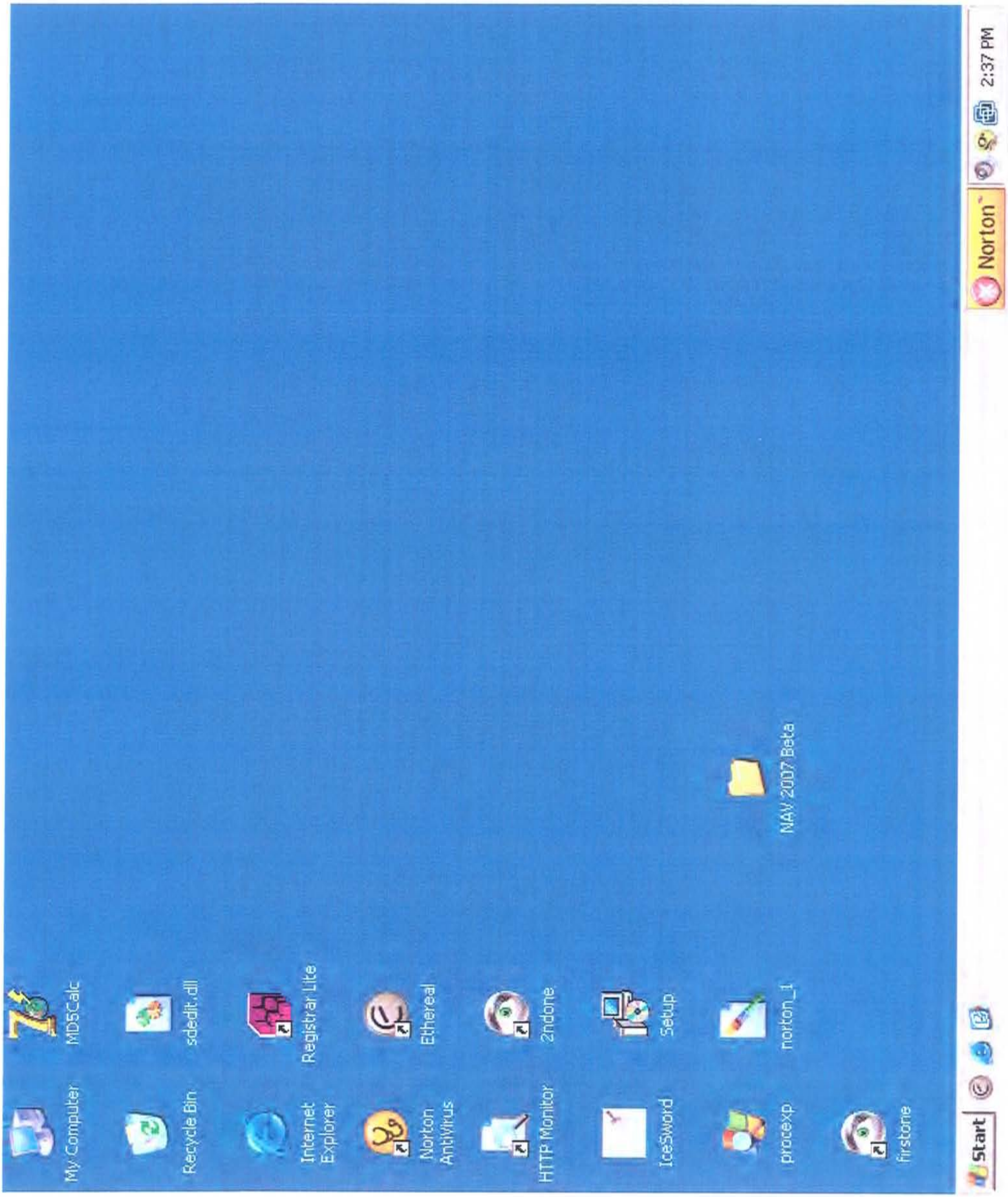
My Computer
MD5Calc
Recycle Bin
sdedit.dll
Internet Explorer
Registrar Lite
Norton AntiVirus
Ethereal
HTTP Monitor
2ndone
IceSword
Setup
procexp
norton_1
firstone
NAV 2007 Beta
Start
Norton
2:37 PM